

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 8-18-00

A ☒ Applied by the filer for review under 37 CFR 1.84 or 1.152

B ☒ Objected to by the examiner under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of a corrected drawing, when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a). Responses to negative drawings:          Black lines. Fig(s) _____          Unintentional scale. Fig(s) _____          Faint and/or black lines. Fig(s) _____          2. PHOTOGRAPHS. 37 CFR 1.84(c).          1. If the photo is required. Fig(s) _____          Photographs may not be included. 37 CFR 1.84(c).          Poor quality. Fig(s) _____          3. TYPE OF PAPER. 37 CFR 1.84(d).          Paper not the same, strong, white, and durable.          Fig(s) _____          Erasures, alterations, or markings. Fig(s) _____          Folds, copy machine marks not accepted. Fig(s) _____          Mylar, vellum, paper is not acceptable (too thin).          Fig(s) _____          4. SIZE OF PAPER. 37 CFR 1.84(e). Acceptable sizes:          21.0 cm by 29.7 cm (8 1/2" by 11 7/8" A4)          21.6 cm by 27.9 cm (8 5/8" by 11 inches)          All drawing sheets must be this size.          Sheets(s) _____          Drawings sheets not acceptable size. Fig(s) _____          5. MARGINS. 37 CFR 1.84(g). Acceptable margins:          Top 2.5 cm (1 in) Left 2.5 cm (1 in) Right 1.5 cm (5/8 in) Bottom 1.0 cm (3/8 in)          SIZE: A4 Size          Top 2.5 cm (1 in) Left 2.5 cm (1 in) Right 1.5 cm (5/8 in) Bottom 1.0 cm (3/8 in)          SIZE: 8 1/2" x 11"          Margins not acceptable. Fig(s) _____          Top (t) _____ Left (l) _____          Right (r) _____ Bottom (b) _____          6. VIEWS. 37 CFR 1.84(h).          REMINDER: Specification may require revision to correspond to drawing changes.          Partial views. 37 CFR 1.84(i)(2).          Brackets needed to show figure as one entity.          Fig(s) _____          Views not labeled separately or properly.          Fig(s) _____          Enlarged view not labeled separately or properly.          Fig(s) _____          7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).          Hatching not indicated for sectional portions of an object.          Fig(s) _____          Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).          Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____          9. SCALE. 37 CFR 1.84(k).          Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds reproduction.          Fig(s) _____          10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l).          Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality).          Fig(s) <u>1-3</u>          11. SHADING. 37 CFR 1.84(m).          Solid black areas pale. Fig(s) _____          Solid black shading not permitted. Fig(s) <u>3</u>          Shade lines, pale, rough and blurred. Fig(s) _____          12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p).          Numbers and reference characters not plain and legible. Fig(s) <u>1-3</u>          Figure legends are poor. Fig(s) _____          Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1).          Fig(s) _____          English alphabet not used. 37 CFR 1.84(p)(2).          Figs _____          Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3).          Fig(s) _____          13. LEAD LINES. 37 CFR 1.84(q).          Lead lines cross each other. Fig(s) _____          Lead lines missing. Fig(s) _____          14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t).          Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____          15. NUMBERING OF VIEWS. 37 CFR 1.84(u).          Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____          16. CORRECTIONS. 37 CFR 1.84(w).          Corrections not made from prior PTO-948 dated _____          17. DESIGN DRAWINGS. 37 CFR 1.152.          Surface shading shown not appropriate. Fig(s) _____          Solid black shading not used for color contrast.          Fig(s) _____</p>
<p>COMMENTS</p>	

REVIEWER J. C. HASE DATE 12-11-02 TELEPHONE NO. 703 305 5430

ATTACHMENT TO PAPER NO. 13

Drawing changes may also require changes in the text, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the Brief Description of the Drawing must likewise be changed. Please make such changes by 37 CFR 1.312 amendment of the drawing. Submitting drawings.

## 1. Correction of Drawings - 37 CFR 1.85

## 2. Corrections other than Informalities Notice Disposition

## Timing of Corrections

communication. See 37 CFR 1.85(a).

**Failure to take corrective action within the specified time results in:**

**Attachment for PTO-948 (Rev. 03/01, or earlier)**  
**6/18/01**

**The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.**

**INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

**1. Correction of Informalities -- 37 CFR 1.85**

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

**2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.**

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes

**Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.